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TRANSMITTAL FORM		Application Number		10/800,454					
(to be used for all correspondence after initial filing)		Filing Date		March 15, 2004					
		First Named Inventor		Jim Sweet					
		Art Unit		2112					
		Examiner Name							
Total Number of Pages in This Submission		5		Attorney Docket Number		15562US02			
ENCLOSURES (check all that apply)									
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD		<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return-Receipt Postcard <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):					
Remarks		Certificate Under 37 C.F.R. 3.73(b) Copy of Assignment							
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT									
Firm		McAndrews Held & Malloy, Ltd.							
Signature									
Printed Name		Christopher C. Winslade							
Date		March 31, 2005							
CERTIFICATE OF MAILING									
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop _____, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 31, 2005									
Name (Print/type)		Christopher C. Winslade		Registration No. (Attorney/Agent)		36,308			
Signature						Date		March 31, 2005	



## POWER OF ATTORNEY FROM ASSIGNEE

**Broadcom Corporation**, a corporation of **California**, having a principal place of business at **16215 Alton Parkway, P.O. Box 57013, Irvine, California 92619-7013**, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on March 12, 2003, of an invention known as Method for Monitoring a Set of Semaphore Registers Using a Limited-Width Test Bus (Attorney Docket No. 15562US02), which is disclosed and claimed in a patent application of the same title by the inventor Jim Sweet (said application filed on March 15, 2004 at the U.S. Patent and Trademark Office, having Application Number 10/800,454).

The assignee hereby appoints U.S. attorneys and/or agents at McAndrews, Held & Malloy, Ltd. (Chicago, IL), Customer No. 23,446, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to:

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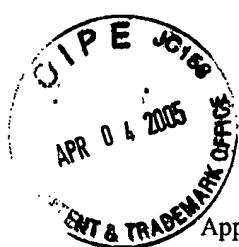
FOR: **Broadcom Corporation**

SIGNATURE: \_\_\_\_\_

BY: Dee Henderson

TITLE: Senior Manager, Intellectual Property Administration

DATE: March 24, 2005



# Certificate Under 37 C.F.R. § 3.73(b)

Docket No.: 15562US02

Applicant/Patent Owner: Jim Sweet

Application No./Patent No.: 10/800,454 Filed/Issue Date: March 15, 2004

Entitled: Method for Monitoring a Set of Semaphore Registers Using a Limited-Width Test Bus

Broadcom Corporation, a

corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 015594, Frame 0928, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_,  
Frame \_\_\_\_, or for which a copy thereof is attached.

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Signature

Name: Dee Henderson

Title: Senior Manager, Intellectual Property Administration

Date:

March 24, 2005

## ASSIGNMENT

Inventor: Jim Sweet

Serial No.: 10/800,454

Filing Date: March 15, 2004

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to Broadcom Corporation, a California corporation, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled: **METHOD FOR MONITORING A SET OF SEMAPHORE REGISTERS USING A LIMITED-WIDTH TEST BUS**, bearing docket number 15562US02, filed March 15, 2004, and in said applications and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any continuation, continuation-in-part, divisional, reexamination, reissue or extension of such applications or patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.


The undersigned hereby authorizes and requests the attorneys of record in said application bearing docket number 15562US02 to insert in this assignment the filing date and serial number of said application when officially known, if applicable.

The undersigned warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all continuation, continuation-in-part, divisional, extension and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue, reexamination or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and to vest all rights hereby

conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 12th day of March, 2003.

  
(Jim Sweet)